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Form 1449*	Atty. Docket No.: 1528.010US1	Serial No. ~~Unknown~~
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Michael Childs et al.	
	Filing Date: ~~Herewith~~ 12/21/01	Group: ~~Unknown~~

U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
ntv	6,317,684	11/13/2001	Roeseler, A., et al.	701	202	12/22/99
ntv	6,317,687	11/13/2001	Morimoto, K., et al.	701	211	10/05/92
ntv	6,321,158	11/20/2001	DeLorme, D.M., et al.	701	201	08/31/98

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes | No

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
ntv	"An optimal pathfinder for vehicles in real-world digital terrain maps", http://www.nease.net/jamsoft/shortestpath/pathfinder/4.html, 11 pages, (1999)
ntv	"Informed Search Methods", Artificial Intelligence, A Modern Approach, Prentice Hall, Inc., pp. 92-115, (1995)
	"Real-Time Vehicle Routing in Dynamic and Stochastic Urban Traffic Networks", http://www.gpu.srv.ualberta.ca/1fu/research.htm, pp. 1-3, (1997)
	Ahuja, R., et al., "Faster Algorithms for the Shortest Path Problem", Journal of the Association for Computing Machinery, 37(2), pp. 213-223, (1990)
	Chung, V., et al., "An Efficient Implementation of Parallel A *", CFPAR, Montreal, Canada, pp. 153-167, (1994)
	Fredman, M., et al., "Fibonacci heaps and their uses in improved network optimization algorithms", Journal of the ACM, 34(3), 2 pages, (1987)
	Fu, L., "Heuristic Shortest Path Algorithms and their Potential IVHS Applications", Proceedings of the Fourth University of Alberta - University of Calgary, Joint Graduate Student Symposium in Transportation Engineering, pp. 83-109, (1995)
	Ikeda, T., et al., "A Fast Algorithm for Finding Better Routes by AI Search Techniques", Vehicle Navigation and Information Systems Conference Proceedings, pp. 291-296, (1994)
	Kaindl, H., et al., "Memory-Bounded Bidirectional Search", Proceedings of the 12th National Conference on Art, AAAI Press, Seattle, WA, pp. 1359-1364, (1994)
ntv	Laporte, G., "The Vehicle Routing Problem: An overview of exact and approximate algorithms", European Journal of Operational Research, 59, pp. 345-358, (1992)

Examiner _Nguyenbui_	Date Considered 9/2/03

*Substitute Disclosure Statement Form (PTO-1449)

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#2/IDS

Form 1449*	Atty. Docket No.: 1528.010US1	Serial No. ~~Unknown~~ 10/03 2196
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Michael Childs et al.	
	Filing Date: ~~Herewith~~ 12/21/01	Group: ~~Unknown~~ 3661

OTHER DOCUMENTS

**Examiner Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

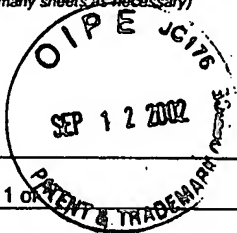|	
ntu	Myers, B., "Data Structures for Best-First Search", http://www4.ncsu.edu/jbmyers/dsai.htm, pp. 1-6, (1997)
	Ronngren, R., et al., "Parallel and Sequential Priority Queue Algorithms", ACM Transactions on Modeling and Computer Simulation, 7(2), pp. 168-172, 198, 199, (1997)
	Stout, B., "Smart Moves: Intelligent Pathfinding", Gamasutra, http://www.gamasutra.com/features/programming/080197/pathfinding.htm, pp. 1-11, (1997)
	Wai, L., et al., "Comparative Study of Shortest Path Algorithm for Transport Network", USRP Report 2, http://www.comp.nus.edu.sg/leonghoe/USRPreport-txt.html, pp. 1-10, (1999)
ntu	Zhan, F.B., "Three Fastest Shortest Path Algorithms on Real Road Networks: Data Structures and Procedures", Journal of Geographic Information and Decision Analysis, 1(1), http://www.geog.uwo.ca/gimda/journal/vol1.1/Zhan/Zhan.htm, 11 pages, (1997)
ntu	Zhao, Y., et al., "An Adaptive Route-Guidance Algorithm for Intelligent Vehicle Highway Systems", American Control Conference, Boston, MA, Department of Electrical Engineering and Computer Science, The University of Michigan, pp. 2568-2573, (1991).

Examiner	Date Considered
(signature)	9/2/03

*Substitute Disclosure Statement Form (PTO-1449)

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Sheet 1 of

Complete if Known	
Application Number	10/032196
Filing Date	December 21, 2001
First Named Inventor	Childs, Michael,
Group Art Unit	3661
Examiner Name	Unknown
Attorney Docket No: 01528.010US1	

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
NHG	US-5537323	07/16/1995	Schulte, Hans H.	364	449	01/18/1994

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

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